

00862.023271.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

NOBUYOSHI TAKEHARA

Application No.: 10/683,588

Filed: October 14, 2003

For: GATE DRIVING CIRCUIT

February 13, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed below and on the enclosed Form PTO-1449.

- (1) U.S. Patent No. 5,424,937
- (2) U.S. Patent No. 5,660,643
- (3) U.S. Patent No. 6,093,885
- (4) U.S. Patent No. 6,556,396
- (5) U.S. Patent Publication No. 2001/0040453
- (6) Japan 5-344708
- (7) Japan 3-036332

Copies of the newly cited U.S. Patent Publications are not being provided in accordance to the Pre-Official Gazette Notice dated, July 11, 2003, entitled "Information Disclosure Statements Filed Without Copies Of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003."

A copy of reference (6) is enclosed. Reference (6) is discussed at page 2 of the specification and might be deemed pertinent for the reasons given there. Reference (1) is believed to be an English-language counterpart of reference (6). An English-language abstract for reference (6) is also enclosed.

A copy of reference (7) is being acquired at this time and will be provided when available.


The Examiner's attention is also directed to the following U.S. application, a copy of which is enclosed, which is commonly assigned with the subject application:

<u>Application No.</u>	<u>Filing Date</u>	<u>Docket No.</u>	<u>Inventor Names</u>
10/683,291	10/14/2003	00862.023273.	Nobuyoshi Takehara

Inasmuch as the subject application has not yet received a first Office Action, it is believed that this Information Disclosure Statement is timely. See 37 C.F.R. 1.97(b)(3). Accordingly, the Examiner is urged to study this information in its entirety and to form an independent determination of the materiality of the information to the claimed invention. Additionally, the Examiner is requested to indicate that this information has been considered by initialing the appropriate portion of the Form PTO-1449.

Applicant's undersigned attorney may be reached in our Costa Mesa, California office by telephone at (714) 540-8700. All correspondence should continue to be directed to our address given below.

Respectfully submitted,


Attorney for Applicant

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FORM PTO 1449 (modified)

ATTY DOCKET NO. 00862.023271.

APPLICATION NO. 10/683,588

APPLICANT NOBUYOSHI TAKEHARA

FILING DATE 10/14/2003

GROUP NY/A

LIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,424,937	06/13/95	Iyotani et al.	363	136	
	5,660,643	08/26/97	Toggweiler	136	244	
	6,093,883	07/25/00	Takehara et al.	136	244	
	6,556,396	04/29/03	Takehara et al.	36.1	42	
	2001/0040453	11/15/01	Toyomura et al.	324	332	

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
5-344708	12/24/93	Japan			Abstract
3-036332		Japan			

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

DATE CONSIDERED

EXAMINER

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 1 of 1